

accurately reflects the Japanese priority document. Thus, enclosed is this more accurate translation of the application as filed. Also included is a certificate of verification of the accuracy of the translation.

In The Claims

Please replace claims 1, 6, 10, 11, and 12 as shown below. A marked up version of the amended claims is attached to this Amendment.

F¹ 1. (Thrice Amended) A method for the identification of physiologically active peptides, the method comprising the steps of:

identifying amino acid sequences of receptors having one or more variants in size, the receptors being receptive of an identical ligand and being products of the same gene, the receptor being a receptor of a substance when there is present in vivo a substance or cell which has a functional antagonism against the ligand for the receptor, or the receptor being a receptor of a substance A wherein there is present in vivo a cell or substance which has a functional antagonism to cells on which the substance A causes an effect;

identifying which domain in the larger receptor is missing from the smaller receptor; and

testing a peptide consisting of the amino acid sequence of the missing domain for physiological activity.

F² 6. (Twice Amended) An isolated peptide having at least 70% homology to an amino acid sequence selected from the group consisting of SEQ. ID. NO: 2 and SEQ. ID. NO: 3.

F³ 10. (Amended) An isolated peptide having at least 70% homology to the amino acid sequence of SEQ. ID. NO:1.

11. (Amended) The peptide of claim 10 wherein said peptide is produced by recombinant or synthetic methods.

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12. (Amended) The peptide of claim 10 wherein the N-terminal amino acid is a lysine.

Kindly add claims 13-15 as follows:

13. (New) The isolated peptide of claim 10 wherein said isolated peptide consists of the amino acid sequence of SEQ. ID. NO: 1.

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14. (New) The isolated peptide of claim 6 wherein said isolated peptide consists of the amino acid sequence of SEQ. ID. NO: 2.

15. (New) The isolated peptide of claim 6 wherein said isolated peptide consists of the amino acid sequence of SEQ. ID. NO: 3.
